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UNITED STATES DEPARTMENT OF AGRICULTURE Agricultural Marketing Service

cooperating with

IOWA DEPARTMENT OF AGRICULTURE
Division of Agricultural Statistics

assisted by

Iowa State College Extension Service

IOWA AGRICULTURAL STATISTICS

POTTAWATTAMIE COUNTY



County Statistical Bulletin

No. 79

*

Office of the Agricultural Statistician 305 United States Court House Des Moines, Iowa

TOWA CROP AND LIVESTOCK REPORTING SERVICE Division of Agricultural Statistics Leslie M. Carl, Director

* * * * *

IOWA DEPARTMENT OF AGRICULTURE
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IOWA STATE COLLEGE EXTENSION SERVICE R. K. Bliss, Director

ICTA AGRICULTURAL STATISTICS - POTTAWATTAMIE COUNTY

County Statistical Bulletin No. 79

TABLE	NO. LIST OF TABLES	<u> PAGE NO</u>
1.	Land Utilization and Yields, County Summary	7
2.	Acreage and Yields of Hay, County Summary	
3.	Land Utilization and Yields, Belknap Township	
4,	Land Utilization and Yields, Boomer Township,	
5.	Land Utilization and Yields, Carson Township	
6,	Land Utilization and Yields, Center Township	
7.	Land Utilization and Yields, Crescent Township	
8.	Land Utilization and Yields, Garner Township	
9.	Land Utilization and Yields, Grove Township	
10.	Land Utilization and Yields, Hardin Township	
11.	Land Utilization and Yields, Hazel Dell Township	
12.	Land Utilization and Yields, James Township	
13.	Land Utilization and Yields, Kain Township	
14.	Land Utilization and Yields, Keg Creek Township	
15.	Land Utilization and Yields, Knox Township	
16.	Land Utilization and Yields, Lake Township	
17.	Land Utilization and Yields, Layton Township	
18.	Land ("tilization and Yields, Lewis Township	
19.	Land Utilization and Yields, Lincoln Township	
20.	Land Utilization and Yields, Macedonia Township,	
21.	Land Utilization and Yields, Minden Township	
22,	Land Utilization and Yields, Neola Township	
23.	Land Utilization and Yields, Norwalk Township,	
24.	Land Utilization and Yields, Fleasant Township	
25.	Land Utilization and Yields, Rockford Township	
26.	Land Utilization and Yields, Silver Creek Township	
27.	Land Utilization and Yields, Valley Township	
28.	Land Utilization and Yields, Washington Township,	
29.	Land Utilization and Yields, Waverland Township	
30.	Land Utilization and Yields, Wright Township	
31.	Land Utilization and Yields, York Township	
32.	Land Utilization and Yields, Incorporated Towns	. 38
33.	County Livestock Numbers	. 39
34,	Livestock Numbers by Townships,	40
35.	Livestock Numbers by Townships. Continued	41
36.	Creamery Statistics	42
37,	Chickens and Eggs	43
38.	Number of Farms Reporting Specified Items	
34.	Farm and Land Tenure	
40.	Years of Tenure	
41.	Frequency Distribution of Farms by Size Classes	
42.	Autos, Trucks, Tractors and Radios	
43,	Acreage Owned by Corporations, 1937	
44.	Acreage Owned by Corporations, 1939	
45.	Value of Farm Land and Buildings	. 51
46.	Real Property and Moneys and Credits Taxes Collectible	
	in 1939, for all Purposes	
47.	Number of Schools by Type	
48.	Enrollment in Schools by Type	
49.	Miles of Roads by Type	. 54

.

FOREWORD

The Iowa Crop and Livestock Reporting Service is the Iowa unit of a nation-wide organization which is entrusted with the responsibility of operating a standard statistical service for agriculture. The Division of Agricultural Statistics is a division of the Iowa State Department of Agriculture working in cooperation with the Agricultural Marketing Service of the United States Department of Agriculture. The year 1939 marked the one-hundredth anniversary of the collection of statistics of agriculture in the United States.

The general program of the Iowa Crop and Livestock Reporting Service is to meet the public needs and demands for summary data of an historical nature and for current statistical information of agricultural production in Iowa and the United States.

In recent years, there has been an increasing demand from agricultural organizations, commercial interests, teachers, legislators, and county, State and governmental agencies for agricultural data showing the trends of change in counties. Little has been done in the past to make available data for each county over an extended period of time. So urgent is the need for county data that some organizations have assembled such information at considerable cost. It is in response to these needs that this series is being issued.

The county data herein offered have been assembled from existing State and Federal documents and reports, under the supervision of Norman V. Strand, Statewide Work Projects Administration Supervisor of Agricultural Economics and Statistics projects. This is a report of work completed on Official Project 65-1-72-155 of the Work Projects Administration. Official Project 665-72-3-36 furnished the material for Tables 39 and 41.

The Iowa Agricultural Extension Service participated in the preparation of the materials in this report. Selected data from the files of the Iowa Agricultural Experiment Station have been released for publication in this series. Special credit is given to the Iowa assessors and tax officials who collect data on crops and livestocks as required under the Iowa laws. Without these data by townships and counties detailed agricultural statistics would be less accurate and less complete.

Leslie M. Carl, Director
Division of Agricultural Statistics

Des Moines, Iowa February, 1941



IOWA AGRICULTURAL STATISTICS - POTTAWATTAMIE COUNTY

When Fottawattamie County was created in 1847, it included territory now divided into the counties of Fremont, Page, Taylor, Adams, Montgomery, Mills, Cass, and a portion of Ringgold, Union, Adair, Guthrie, Decatur and Harrison. The territory within such limits was in the old Des Moines County from 1834 to 1836. The northern tier of townships in old Des Moines County was in Keokuk County from 1837 to 1840. Pottawattamie County was reduced to its present boundaries in 1851. 1/

The county was formally organized in September, 1848, and was named after the Pottawattamie tribe of Indians which formerly occupied that portion of Iowa.

In the dim past, Indians met along the bluffs in this region to sell their furs to French traders and explorers. Lewis and Clark Camped near here in 1804. In 1824 a French trader named Hart established a trading post within the present limits of Council Bluffs, and the place became known as Hart's Bluff. Francis Guittar settled permanently in the county when he was appointed an agent for the American Fur Company in 1827. 2/

Hart's Bluff, later called Trader's Foint, was established by the Mormons who congregated here before the main body left for Utah. Colonel Kane, a warm friend of the Mormons, was very active in their behalf in 1846 and the name was changed to Kanesville in his honor. It retained this name until the State Legislature changed it to Council Bluffs in 1853. During the years of 1849 to 1851, vast numbers of gold seekers passed through this county on their way to California and contributed much to the development of Kanesville.

The Cedar Rapids and Missouri River Railroad, now the Chicago and North-western, entered Council Bluffs on January 1, 1867. In 1868, the Council Bluffs and St. Joseph Railroad was completed, and, in the following year, the Chicago, Rock Island, and Pacific Railroad entered Council Bluffs. 3/

Area

Fottawattamie County has an area of 942 square miles 4/, or 602,880 acres. Of this number, 586,294 acres are listed as farm land. 5/ There are 29 townships in the county and it ranks second in point of size in the State.

Soils

The Soils of Pottawattamie County have been grouped into 3 classes according to their origin and location; namely, loess, terrace, and swamp and bottom-land. The loess soils cover 72.7 percent of the area and are

- I/ Iowa Historical and Comparative Census. 1836-1880. pp. 412-413.

 Bes Moines, Iowa.
- 2/ Heubinger, M., Atlas of the State of Iowa. p. 321. Iowa Publishing Co., Davenport, Iowa. 1904.
- 3/ Field, Homer H., and Reed, Hon. J. R. History of Fottawattamie County, Iowa. Vol. I, pp. 53-57. S. J. Clarke Publishing Co., Chicago, 1907.
- 4/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Populations. Vol. I, pp. 362-363. Iowa. 1931.
- 5/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 16.



divided into Marshall silt loam--68 percent, and Knox silt loam--4.7 percent. The terrace soils cover 3.3 percent of the surface and are divided into Hancock loams--3.2 percent, and Osgood very fine sand--0.1 percent. The swamp and bottom-land soils cover 24.0 percent of the area and are divided into Wabash loams--13.4 percent, Wabash silty clay--8.4 percent, Sarpy very fine sandy loam--1.8 percent, and Sarpy very fine sand--0.4 percent. 6/

Topography

The topography of Pottawattamie County is very uniform, consisting in the main of upland slopes and several flood plains, There are, also, some strips of upland plains and a few terraces, The flood plain of the Missouri River covers about 7 percent of the area and has an elevation of generally less than 20 feet above the water level of the river. The flood plains of the other rivers are of minor importance as they cover comparatively small areas. There are also rather large plains, or bottom-lands, formed by numerous smaller streams.

The main feature of the county is an old drift plain, which has been cut by the above mentioned lowland plains. This plain has a gently slope to the southwest and an average elevation of about 1,200 to 1,300 feet.

The main streams which cross the county from north to south divide this plain to a succession of broad, parallel swells. The rougher portions of the county, which consist of narrow ridges, and ravines, are found near the bluffs of the Missouri River and are undoubtedly the result of erosion.

The drainage is effected by the East and West Mishnabotna rivers, the Boyer River, and their tributaries. 7/

Climate

The average temperature for 10 years (1930-1939) was 49 degrees. 8/ The average precipitation for 59 years (1871-1930) was 31.38 inches, and the growing season averaged 166 days between the killing frost dates of April 27 and October 10, over a period of 11 years (1919-1930 incl.), 9/

Population

The State Census of 1849 credited this county with a population of 6,552. When the Mormons moved on westward, the population dropped for a time, but after 1860 a steady growth started and has continued to this day. It has a density of 74 persons per square mile, as compared with the State density of 44.

Ibid. pp. 10-11.

<u>7/</u>8/ Reed, Charles D., Sr. Meteorologist. United States Weather Bureau. Des Moines, Iowa, Unpublished data.

9/ United States Weather Bureau. Climatic Summary of the United States from establishment of stations to 1930, inclusive. Section 50--Western Iowa. pp, 9, 10, 19. 1933.

^{6/} Iowa Agricultural Experiment Station. Soil Survey of Iowa. Pottawattamie County. Soil Survey Report No. 2: 11. 1918.



The following table shows the number of inhabitants recorded at 10-year intervals:

Year	Inhabitan	<u>ts</u>	Urban		Rural	
1850	7,828		,		-	
1860	4,988				-	
1870	16,893					
1880	39,850		-			
1890	47,430		-		-	
1900	54,336		31,672		22,664	10/
1910	55,832		35,990		19,842	
1920	61,550	11/	43,107	12/	18,443	
1930	69.888	13/	49,055		20,833	
1935	-				18,206	<u>14</u> /

In 1930 the foreign born and native white inhabitants of foriegn born or mixed parentage totaled 20,436, or 29.2 percent of the total population of the county. Of this number, those of German descent led with 7,492, the Danes were next with 4,350, the English had 1,529 and the Irish had 1,489. Other nationalities had small representations. 15/

Cooperatives

In 1937 there were 5 cooperative institutions in operation in this county--1 creamery, 1 petroleum plant, 1 fruit and vegetable market and 2 elevators.

As a whole, they had 2,119 members, of which 2,050 were active, and 2,608 persons did business with the 5 concerns. The selling cooperatives had a business bolume of \$481,764 and the purchasing cooperatives transacted \$85,387 worth of business.

Cooperatives may both buy and sell or they may perform one or the other function exclusively. Furchasing cooperatives buy non-farm commodities for distribution to their members and patrons, and selling cooperatives market farm commodities for their members and patrons.

Fruit

The apple crop reached its peak in 1909 when 259,113 trees and 371,740 bushels were reported. The largest number of peach trees, 17,249, was reported in 1909, but the largest production, 4,001 bushels, was recorded in 1934.

- 10/ Unless otherwise indicated, rural population figures were obtained by deducting the urban from total population.
- 11/ Census of Iowa, 1925. pp. 714-715, 1926.
- 12/ Ibid., pp. 925 et seq.
- 13/ Iowa Official Register, 1937-1938. Thirty-seventh Number. pp. 368 et seq.
- 14/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 16.
- 15/ United States Bureau of the Census. Fifteenth Census of the United States: 1930, Populations. Vol. III, Fart 1, Tables 18-19, pp. 785-788.
- 16/ Unpublished data from: Omaha Farm Credit Administration and Iowa State College.



The big year for plums and cherries was 1909. In that year, 40,178 plum trees produced 6,403 bushels, and 60,520 cherry trees yielded 13,192 bushels. The peak year for grapes was 1934, when 605,163 vines and 2,071,822 pounds of grapes were reported. $\underline{17}/$

Note Regarding Yields of Corn

The crop assessors' statistical breakdown for corn acreage is as follows: (1) all corn, (2) corn husked for grain, (3) corn cut for silage, (4) corn cut for fodder and (5) corn hogged off. A total production is given for each farm which includes only that actually husked. In getting county totals of production, the acreage other than that husked is multiplied by the yield (derived by dividing total bushels corn husked by total acres husked) and added to summations of individual farm productions shown as husked. This assumes that acreage not husked would have produced the same yield as that actually husked.

In 1934 and 1936, both poor crop years, separate estimations of corn yield on acreage not husked were made by the State assessors! office because it was felt that farmers in those years would select their best acreages for husking and cut or hog off the rest, which would have a different and lower yield. This separate yield estimation was then multiplied by the acreage not husked and the total added to that reported as husked.

This was done by counties only and not by townships. The township yields for these two years, then, are somewhat high since they are based only on acreage husked for grain and bushels husked. The total corn acreage is shown by townships with this yield, and any attempt to multiply it by the acreage shown to get total production will result in a too high figure. The county summary table figures for corn yield in 1934 and 1936 have been adjusted for poorer yields on that acreage not husked and these yields may legitimately be multiplied by the acreages shown there to arrive at total productions for the county.

In all other years actual township productions may be derived from the yield and acreage figures shown in the tables since corn yield has been assumed to be equal in all utilizations. The county yield and township yields, are, therefore, consistent in all years except 1934 and 1936.

^{17/} Sources: 1. Census of Iowa. 1875, 1885, 1895.

^{2.} United States Bureau of the Census. Thirteenth Census of the United States: 1910, Agriculture; Iowa.
Bulletin.

^{3,} United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa Statistics by Counties, Second Series.

-10

TABLE 1
LAND UTILIZATION AND YIELDS, 1929-1938
County Summary

											<u> </u>				
	Ma	Acre	age	Ave.		CORN		C	ATS		VINTER '	WHEAT]	BARLI	EY :
Year	No. Farms	in Far		Farm Size	ΑC		Ave. Yld.	1 401	es	Ave. Yld.	Acres	Ave.	Ac:	res	Ave. Yld.
1929	3513	555	442	158	248	3997	48	753	90	33	11122	21	99	934	28
1930	3665	5529	904	151	253	3154	36	795	81	32	9903	22	7	538	28
1931	3579	558	361	156		723	34	758	369	29	7433	22	89	911	24
1932	3727	564		151	259	501	44	754	152	28	5037	17	8	580	17
1933	3706	564		152		5799	46	726	1	13	3984	21	1	005	10
1934	3706	564		152		854	6	597	1	10	9863	14	1	594	9
1935	3626	565		156		2622	26	908	1	26	13841	17		157	21
1936	3759	568		151		7719	5	494		16	16669	24	1	821	16
1937	3686	568		154		3565	32	535	1	38	43474	22	1	107	33
1938	3703	572	978	155	220	238	37	517	47	31	28890	13	34	118	30
10 Yr, Ave.	3667	563	519	154	240	017	32	684	26	26	15022	19	11	176	25
	R	YE		SO?	ZEE A	MS		G.	RASS			l	TAME	HAY	
Year		Acres Ave.				Ave	. ma	mo thy		d &	Sweet	Alfal	fa	1	All
Isai	Acres Yld			Acres	3	Yld	- 1	_		.Clo.	Clover	i			me Hay
1929	29	292 15		17		17	- A	cres 91		res* 860	Acres 379	Acre 221			cres 6137
1930	14	1	16	13		. 9		79		819	261	233		1	6371
1931	19		16	15		20		235	1	417	176	240			4207
1932	. 8		13	24		13		238		159	84	237			59 59
1933	45	- 1	16	35		16		60		031	266	260			1080
1934	107	1	10	85		. 6		6	,	142	2772	285		1	8549
1935	443	5	17	286		9		969			478	280		3	8336
1936	313	6	13	· 316		. 9		72	}	10	588	318	351	4	4617
1937	668	1	21	378		9		79		40	766	332	252	4	2831
1938	213	9	14	226		17		142	·	10	3218	281	71	3	8575
10 Yr. Ave.	186	5	17	140		11		197	,	549	899	269	25	3	8666
						All		Buildi		7	dlots				dle
	Wil			All		ther		Feedlo		1	r Tim-	Waste	- 1		rop
Year	Hay			ture		rops		Highwa			only	land			and cres
1929	Acr 26	28 .		res 6118		cres 4188		<u>Acre</u> 280			cres 3081	Acres 6108			2942
1930		52	1	4 4 86		4251		2700			204	4446	1		613
1931		02		6368		4532		2817		1	3617	4951	1		353
1932		34		8312		4798		·2963		1	2819	596]			6388
1933		34	1	9.304		4230		274]			3184	5738			1496
1934		63	1	3141		4979		2828		1	3649	6317			6758
1935	21	21	13	9261		8556		2911		1	2356	6391	4		6382
1936	21	25	14	8685		4557		2978	34	3	3055	7216	5	1	0960
1937		10		76 29		4678		2930)5	2	2562	7234	1		5568
1938	18	19	13	4955		7310		3038	55]]	1879	8893	3		8474
10 Yr.Ave.	22	79	13	1856		5208		2860	9	2	2841	6326	5		9993

¹⁰ Year Average Acres: Spring Wheat 589; Flaxseed 40; Fopcorn 105. (Acreages also shown in "All Other Crops")

^{*}Included in "All Tame Hay."

Source: Division of Agricultural Statistics,

*Iowa Department of Agriculture.

TABLE 2
ACREAGE AND YIELDS OF HAY
County Summary

	Mixe Clover &		Alfa	lfa	Wild	Hay	All Tame	Hay
Year	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre
1929	3,169	1,91	22,130	3.13	2,628	1.53	36,137	2.63
1930	3,468	1.75	23,387	2.76	2,852	1.24	36,371	2.40
1931	1,783	1.52	24,053	2,35	2,302	1,40	34,207	2.05
1932	2,245	1.40	23,780	2.72	2,134	1.80	35,959	2.30
1933	8,603	.77	26,077	2.17	2,634	1.32	41,080	1.66
1934	1,784	.42	28,515	1.45	2,163	, 88	38,549	1.20
1935	1,292	1,25	28,032	2.11	2,121	1,40	38,336	1.88
1936	2,698	.70	31,851	2.00	2,125	.75	44,617	1.61
1937	1,207	.95	33,252	1.28	2,010	.97	42,831	1.22
1938	833	1.20	28,171	2.10	1,819	1.30	38,575	1.89
10 Yr. Ave.	2,708	1.14	26,925	2.14	2,279	1,27	38,666	1.86

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture,

TABLE 3 IAND UTILIZATION AND YIELDS

Relknan Townshir

Year No. Farms In Farm Size Acres Yld. Acres Yld. </th <th></th> <th>Ave. Yld. 32 33 27 19 11</th>		Ave. Yld. 32 33 27 19 11
Year No. Farms In Farm Size Acres Yld. Ave. Yld. Acres Yld. <td>203 152 426 365 313 239 386</td> <td>Y1d, 32 33 27 19 11</td>	203 152 426 365 313 239 386	Y1d, 32 33 27 19 11
1930 70 13744 196 6111 39 1662 35 101 19 1931 71 14348 202 6428 38 1476 31 56 26 1932 70 14387 206 6448 46 1401 28 31 18 1933 74 14218 192 6213 48 1466 13 16 27	152 426 365 313 239 386	33 27 19 11 10
1931 71 14348 202 6428 38 1476 31 56 26 1932 70 14387 206 6448 46 1401 28 31 18 1933 74 14218 192 6213 48 1466 13 16 27	426 365 313 239 386	27 19 11 10
1932 70 14387 206 6448 46 1401 28 31 18 1933 74 14218 192 6213 48 1466 13 16 27	365 313 239 386	19 11 10
1933 74 14218 192 6213 48 1466 13 16 27	313 239 386	11 10
	239 386	10
1934 74 13986 189 5095 9 1412 12 126 17	386	
		~ 7
1935 73 13643 187 5111 29 2048 27 274 18	277	
1936 75 14210 189 5925 10 1030 20 301 35		19
1937 74 14377 194 5657 40 1033 38 954 24	427	35
1938 81 14521 179 5490 45 1174 30 571 19	1046	33
10 Yr.Ave 74 14181 193 5893 38 1432 27 263 23	383	26
	TAME HAY	
Year Acres Ave. Acres Ave. Finothy Als Clo Clover Alfa		.11
ACTOS	Tame	
ACTES ACTES ACTES ACT		
	96 114	
	47 115	
	49 118	
	38 123	
	42 131 84 100	
		54
1936 56 24 - - - 10		
	53 120	
		02
	05 114	
All Buildings, Woodlots Wili All Other Feedlots, for Tim- Waste	Id:	
Year Hay Pasture Crops Highways ber only land		
Acres Acres Acres Acres Acres Acres		res
1929 14 3505 39 905 102 135		43
1930 22 3436 54 799 70 104		65
1931 9 3629 62 889 90 86		8
1932 - 3552 37 811 70 238	20	:06
1933 4 3557 46 851 75 154	1	90
1934 3 3787 25 849 6 151	97	77
1935 3 3365 181 814 17 181	20	09
1936 18 3775 82 943 2 232	18	.84
1937 3 3534 77 1004 - 134		06
1938 5 3637 138 1163 - 153	14	46
10 Yr, Ave. 8 3578 74 902 43 157	21	13

¹⁰ Year Average Acres: Spring Wheat 28; Flaxseed 2; Popcorn 1. (Acreages also shown in "All Other Crops")

^{*}Included in "All Tame Hay."

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 4 LAND UTILIZATION AND YIELDS

Source: Tivision of Agricultural Statistics,
Tame Hav."

Iowa Department of Agriculture.

10 Yr. Avel.

¹⁰ Year Average Acres: Spring Wheat 7; Flaxseed 0; Popcorn 1. (Acreages also shown in "All Other Crops")

^{*}Included in "All Tame Hay."

TABLE 5
LAND UTILIZATION AND YIELDS

Carson Township

						····					<u></u>	rson T	owns	snip	
	Мо.	Acre		Ave.	(CORN		0	ATS		WINTER	WHEAT	I	BATLE	EY
Year	Farms	Ir Fai		Farm Size	Ac		Ave, Yld.	Acr	es	Ave.	Acres	Ave.	Acı	res	Ave.
1929	94	143	304	152	7(037	42	21	45	27	288	22	15	55	23
1930	95	145	550	153	74	469	35	22	31	28	272	19		31	29
1931	91	138	350	152	70	083	37	20	21	30	176	25		53	31
1932	84	144	183	172	7	425	42	18	76	27	91	16		16	21
1933	82	144	176	177	73	357	47	17	50	12	113	18		59	9
1934	80	14	L48	177	59	906	10	14	.08	11	203	23	6	31	11
1935	89	140	323	161	59	967	32	23	50	77	294	21	19	96	23
1936	90	148	520	161	66	681	9	10	46	15	534	27	20	01	14
1937	81	140	363	177	6:	173	38	11	75	38	1457	23		16	27
1938	86	144	184	168	60	015	39	11	76	26	1178	13	6 °	78	28
10 Yr.Ave,	87	143	350	166	6	711	36	17	18	25	461	20	2;	23	24_
		RYE		SOY	BEAI	NS .		G		S SEE		I	'AME		
7.			\ we			Ave.	min	no thy		₹ &	Sweet	Alfal	fo		711
Year	Acre	s Ave. Yld.		Acres	5	Yld.	i	-		.Clo	Clover	Í			ne Hay
70.00	~					1145	AC	res	1	res*	Acres	Acre		A	cres
1929		7 16		- -'				-	1	15	10	590			828
1930	10	,	20	-		-		-	4	45	-	554			682
1931	12		6		{	-					-	506			6 5 6
1932	5		6	-		-	1	-		-	-	536			851
1933	8		12	-	1	-			4	40	15	544			798
1934	77		11		1	-		-		-	376	699		-	1029
1935	232		17	14		11		-		7	70	707			848
1936 1937	123		13	10		3		-	l	-	32	797		1	1097
1937	194		23	- 7	ļ	7.7		-			705	877		-	1087
1930	22		14	7		13		-		-	125	677			855
10 Yr, Ave	. 69		17	3		9	<u> </u>	0		10.	56	649)		873
						All		Buildi		Y	odlots				Idle
	Wil		1	All		ther	I	'eedlo			r Tim-	Waste	-		Crop
Year	Hay			sture		rops		Highw	ays	bei	r only	land	l ·]	Land
1000	Acr			cres		cres		Acre		Ac	cres	Acres	3		Acres
1929	1	0	1	2954		132		718			-	-			
1930	1		1	2888		75		746							-
1931	1	0		2892		87		660			-				-
1932	1	0 .		2994		54		797			10	35			119
1933		0	1	3278		94		842		1	-				52
1934 1935	1	0		3594		48		725			12	55			644
1935		8		3225		95		786			-	32			276
1937	1	9		3647		96		832			90	24			98
1937		8	1	3004	1	107		786			10	65			151
1300		9		3268		135		758	5		12	111			135
O Yr. Ave.	1	2		3174		92		765	5		13	32			148
U II. AV€.	<u></u>	.2	1	S1 /4		92		702		<u> </u>	10	32			7.40

¹⁰ Year Average Acres: Spring Wheat 13; Flaxseed 0; Popcorn 1. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

^{*}Included in "All Tame Hay."

TABLE 6
LAND UTILIZATION AND YIELDS

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

¹⁰ Year Average Acres: Soring Wheat 30; Popcorn 0; Flaxseed 2. (Acreages also shown in "All Other Crops")

^{*}Included in "All Tame Hay."

TABLE 7 LAND UTILIZATION AND YIELDS

10 Yr. Ave

¹⁰ Year Average Acres: Spring Wheat 18; Flaxseed 0; Foocorn 1. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics, *Included in "All Tame Hay." Iowa Department of Agriculture.

TABLE 8
LAND UTILIZATION AND YIELDS

Garner Township

											غنا ا	rner T	OWI	smp	
		Λ -		A		CORN		C	ATS		WINTER	WHEAT		BAR	LEY
Year	No. Farms	Acre ir Far	ı	Ave. Farm Size	ДC) + U U	Ave. Yld,	Acre	s	Ave.	Acres	Ave. Yld,	Ac	res	Ave. Yld.
1929	134	130	004	97	47	793	46	105	3	31				94	31
1930	175	128	355	73	54	170	35	103	37	26	115	20		46	45
1931	179	149	969	84	62	259	32	111	.8	29		_	1	55	27
1932	182	138	356	76	58	398	41	101	.1	25	20	32		72	18
1933	130	13'	700	105	58	884	44	103	33	13	3	18		32	8
1934	165	153	331	93	53	345	9	47	75	7	-	-		m-å	. 🛶
1935	146	134	111	92	43	397	15	110	7	21	142	12	1.	23	17
1936	165	145	585	88	53	347	4	61	.7	9	249	9	1	64	14
1937	139	133	579	98	47	723	28	74	13	32	537	26	2	45	32
1938	145	145	594	101	50	004	41	81	.1	26	436	11	6	63	30
10 Yr.Ave.	156	139	988	90	53	312	35	90	00	23	150	17	1	59	27
	RY	Έ		S02	BE!	7N2		G!		SEEI		Ī	TAME	HAY	
							m	+ lo	Red		Sweet	17.5	1.6		All
Year	Acre	Acres Ave		Acre	S	Ave	1	mo thy		.Clo	Clover	Alfa			me Hay
1000		Yld				Yld	· A	cres	AC	res,*	Acres	Acre			cres
1929	-					-		-		-	12	1	913		1047
1930	_		-	-		-					12		891	,	1160
1931	-		-	-		-		-		-	15		029		1203
1932			-			-		-		-	-		387		1059
1933	-		-	-		-				-	6		015		1221
1934	-							_			~-		260	1	1453
1935 1936	68		15	-		-		8		-	-		091		1189
1937	117		16	-		-		-				1	290		1535
1937	37		14	~				-			6	1	312		1525
1930	_		-			-					-	1.	222		1514
10 Yr.Ave.	22		16	0		0		1		0	5	10	091	1	1291
						All		uildir			llots				dle
	Wild	L	1	11)ther		eedlo		1	Fim-	Waste			rop
Year	Hay		1	sture		rops		ighway	'S		only	land	1		and
70.50	Acre			cres	Ţ	cres		Acres				Acres	5	A	cres
1929	71		ı	4189		543		532		T .	37	277			56
1930	81		1	3699		608		448		1	17	162			-
1931	56		1	4036		712		774			57	352			22
1932	49		1	3620		949		709			17	207			15
1933	94		1	3665	_	472		589		19		363			142
1934	98		1	3445]	1029		645		80		557			479
1935	83		1	3896		833		634		1	12	376			313
1936	89 E.C			4268		733		698		1	35	417			216 156
1937 1938	56			3740		525 561		613 688			13 95	530 535			54
1930	83		1	4150											
10 Yr. Ave	76			3871		696		633		24	18	378		,	245

¹⁰ Year Average Acres: Spring Wheat 3; Flaxseed 0; Fopcorn 1. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
*Included in "All Tame Hay."

"Iowa Department of Agriculture.

TABLE 9 LAND UTILIZATION AND YIELDS

Source: Division of Agricultural Statistics,
*Included in "All Tame Hay."

Source: Division of Agricultural Statistics,

*Included in "All Tame Hay."

Iowa Department of Agriculture.

¹⁰ Year Average Acres: Spring Wheat 6; Flaxseed 1; Popcorn 3. (Acreages also shown in "All Other Crops")

TABLE 10 LAND UTILIZATION AND YIELDS

¹⁰ Year Average Acres: Spring Wheat 3; Flaxseed 1; Popcorn 0. (Acreages also shown in "All Other Crops")

^{*}Included in "All Tame Hay."

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 11 LAND UTILIZATION AND YIELDS

Hazel TellTownship

												er fer			
		Acre	2000	Ave.		CCRN		0	ATS		WINTER	VHEAT		BARI	ΞΥ
Year	No. Farms	in Far	ms	Farm Size		res	Ave.	ACI		Ave. Yli.	Acres	Ave. Yld.	Ac	res	Ave.
1929	172	215		125		85	49	207	- 1	36	135	20		311	30
1930 1931	171	213		125		93	31 27	238		33	51	14	L	.62	32
1932	164 169	217 215		153 127		27	47	207		28 30	65 93	15 15)	96 250	26 23
1933	174	218		126		351	40	137		9	96	12	ł .	.66	9
1934	170	215		127		75	9	113		8	170	7	i	43	13
1935	170	213	18	125		.56	10	225		31	251	15		17	26
1936	169	213		126		34	7	121		16	382	17		49	13
1937	165	211		128		62	24	145		38	1784	21	1	76	31
1936	164	212	321	129	68	15	36	121	.5	27	1710	13	18	99	27
O Yr.Ave.	169	214	71	127	87	31	34	170)4	27	474	16	4	17	26
	R	YE		SON	BEA	NS		. (S SEE		1	AME		
Vacan		es Ave.				Ave	m+	mothy	1	2 £	Sweet	Alfal	fa		All
Year	Acre	cres Ave.		Acre	es :	Yld	- 1	Acres	1		Clover	Acro			e Hay
1929	2	2 15					7	<u>-</u>	AC	1 E S	Acres -	100			cres 1516
1930		2 15 20		_		1		_		_	-	10'			1388
1931	-		_			-					-	100	- 1		1288
1932	-										-	108	1		1724
1933										-		111			1923
1934 1935	3		2 18			75		-		- .	7.0	133			1954
1935	67 34	1	18	5		35 -		_			18	123			2030 1947
1937	143	I	20	_		-				-	10	134			1777
1938	112	1	13	-		-				-	12	10'			1633
10 Yr. Ave.	36	5	17	.5		7		0		0	4	11:	58		1718
						All		uildi		Woo	dlots			I	dle
77	Wild	ı	1	.11		Other		eedlo		•	Tim-	Wast		C	rop
Year	Hay	. ~	1	ture		Crops		Highw		1	only	lan	1		and
1929	Acre			res		Acres		Acre		AC	res	Acre	S		cres
1939	130 124		Į.	519 485		209 185		90 98			6	40			123 165
1931	93		I	056		228		99			26	40			9
1932	124		1	911		253		96			-	10			25
1933	125		1	295		288		105			-	545			194
1934	161			341		232		108		2	10	582		1	.536
1935	133			058		191		106				679			191
19 <i>3</i> 6 1937	118		!	334		206		106			43	418			613
1937	99 69		•	5421 5569		231 401		103 102			40 21	634 466			303 278
10 Yr. Ave.	11.	5	1 0	3299		242	1.	101	ď	<u> </u>	35 .	337			344

¹⁰ Year Average Acres: Spring Wheat 3; Flaxseed 0; Popcorn 3. (Acreages also shown in "All Other Crops")

Source: Livision of Agricultural Statistics, Iowa Pepartment of Agriculture.

^{*}Included in "All Tame Hay."

TABLE 12 LAND UTILIZATION AND YIELDS

10 Yr, Ave,

Scurce: Division of Agricultural Statistics, Iowa Repartment of Agriculture.

¹⁰ Year Average Acres: Spring Wheat 7; Flaxseed 0; Popcorn 39. (Acreages also shown in "All Other Grops")

^{*}Included in "All Tame Hay."

TABLE 13 LAND UTILIZATION AND YIELES

Kane Township

											<u>K</u>	ane To	ownsi	пр	
	No.		eage	Ave.		CORN		OA	IS		WINTER	WHEAT	I	BARL	EY
Year	Farms		rms	Farm Size	Acı	03 1	Ave. Yld.	Acre	S 1	Ave. Yld.	Acres	Ave,	Acı	res	Ave. Yld.
1929	55	10		20		12	44	-		-	-	-	-		-
1930 1931	59 52		34 93	14		56	32			-	-	-	-		-
1931	58		93 43	.15 15		08 32	31 39	-			_	-	_		-
1933	49		24	17		98	48	_		_	_	_	_		_
1934	26		99	19		22		_		_	_	_	_		_
1935	44		34	17	14	48	20	-			· →	-	-		-
1930	36		70	19		51	-	-		-	-	-	-		
1937	50		03	16		54	31			-	~	-	-		-
1938	59	8	00	14	15	99	50	-			-	-	-		-
10 Yr.Ave.	49	7	89	16	18	83	39	0		0	0	0	. 0	1	0
	F	YE		SOY	BEA.	NS .		GR		SEEI			TAME		
Year	Acres Ave.		Ave.			Ave.	Tin	nothy		d &	Sweet	Alfa	lfa		All
10ai	Acres Yld.			Acre	S	Yld.	1	res		.Clo		1		ì	me Hay
1929			_				AC	res	AC	res*	Acres	Acre 13		₽	cres 13
1930	_			-		_		_		_	_	44			55
1931	-			-		_		-		-	-	16			16
1932	-		_	-		-		-		-	-	41			46
1933			-					-		-	-	53			53
1934 1935	-		-	-		-		-		-	-	34 51			34 55
1935	_		_	_		_				_		62			64
1937	_		_	, _				_			_	39			48
1938	, -			-		-		-			-	33			45
10 Yr.Ave	. 0		0	C		0		Ċ		0	0	39			43
			T			All	Bı	aildir	ıgs,	Woo	diots]	[dle
	Wil	d	A]		0	ther	F	eedlo	ts,	for	Tim-	Wast		(Crop
Year	Hay		Past		1	rops	I	lighwa		1	only	lan			ani
1929	Acr	9 S	ACI		A	cres		Acres	3		res	Acre			Acres
1930	_		12	30		537 461		20 19			30 2	2			_
1931				59 59	1	441		19			32	27 27			_
1932	_		10		1	434		60			_	12			-
1933	_		13	L8		448						7			-
1934	-		1	7	1	165		58		i	18	16			9
1935	-			34		252		58			13	_			14
1936 1937	_		35	33°	1	210 174		89 61			23 5	10			-
1938	_		46					84			-	7			_
10 Yr.Ave.	0			32		312		46			12	8			2
				~~		<u> </u>		10			1~ 1				~

¹⁾ Year Average Acres: Spring Wheat 0; Flaxseed 0; Popcorn 0. (Acreages also shown in All Other Crops")

^{*}Included in "All Tame Hay."

Source: Fivision of Agricultural Statistics,

*Iowa Department of Agriculture.

TABLE 14 LAND UTILIZATION AND YIELDS

10 Yr.Ave

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

¹⁾ Year Average Acres: Spring Wheat 11; Flaxseed 0; Fopcorn 1. (Acreages also shown in "All Other Crops")

^{*}Included in "All Tame Hay."

TABLE 15 LAND UTILIZATION AND YIELDS

Knox Township

											Kno:	x Town	snip)	
					C	CORN		C	ATS		WINTER	TARHE		BARI	ΈΥ
,	No. Farms	i. Far	ms	Ave, Farm Size	Acr	Y	ve.	Acr	es	Ave. Yld.	Acres	Ave. Yld.	Acı	es	Ave. Yld.
1929	112	,	435	182	86	79	51	35	24	44	321	26	5	574	32
1930	110		845	171		16	43	32	73	41	239	29	2	253	28
1931	120	1	036	167		67	35	33	24	31	203	26		276	20
1932	115		124	184		45	45	35		36	156	21		85	16
1933	120		847	174		598	50	43		13	93	19]	-86	9
1934	119		067	177		741	9	34		14	261	7	Į.	71	13
1935	119		762	183		23	35	43	,	25	305	17	5	537	23
1936	124		510	173		49	7	27		20	376	31		792	18
1937	127		416	169		19	32	26		41	1307	24		748	31
1938	127	513	987	173	76	97	41	26	38	40	761	15	11	.59	35
10 Yr. Ave			903	175		53	39	33		30	402	22		178	26
	RY	E		SOY	BEAN	[S		G:		SEF		T	AME		
Year		İ	Λ 77 <i>Θ</i>		1	Ave.	mi m	othy	Rec		Sweet	Alfal	fa	t	111
1001	Acres Ave.		Acre		Yld.	1			.Clo.	Clover				ne Hay	
1929							AC	res		*es	Acres	Acre			cres
1930			_	_		_			-	L5	_	65 75		,	L182 L106
1931		1	_			_		3 0			_	87		1	1329
1932			_				1	_				80			1406
1933	3	1	13		.	_		_				124			L419
1934	50		9			_	1	_		_	65	113		3	1385
1935	130	1	21	_	.		1	38			20	97		1	1226
1936	86		15	10)	2			}	-	26	102			1385
1937	247		15	13		12		-				105		i	1312
1938	96		13		-			44			21	101			1221
10 Yr.Ave	61		16	2		7		11		2	13	95	54		1287
			T		A	11	B	uildi.	ngs,	Woo	dlots				[dle
Year	Wil	d		111		her		eedlo		1	Tim-	Wast	e-		Crop
	Hay		Pa	sture	Cr	ops	H	ighwa	ys	ber	cnly	lan	d		and
	Acr	es	A	cres	Ac	res		Acres		Ac	res	Acre	s	A	cres
1929		8		5004		89		1054			-				-
1930	2.			5184		54		1095			_				-
1931	1	_	- (5521		25		1226		(35	-			
1932	i	9	1	5878		10		1252		1	10				-
1933	1	_ n	1	5041		19		1170			10	8		,	700
1935	1	9 g	1	5728 558 3		20 10		1280 1258			-	194		J	L720
1936	1			5915		135		1331			15	22 189	1		133
1937	1			5613	4	144		1282			25	110	,		201
1938	1		1	5919	1	467		1339			89	220			300
10 Yr, Ave				5639		97		1232			18	74			235

¹⁰ Year Average Acres: Spring Wheat 23; Flaxseed 2; Popcorn 3. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

^{*}Included in "All Tame Hay."

TABLE 16 LAND UTILIZATION AND YIELDS

												Lal	ke Tow	nshi	p	
		Acre	256	Ave,		COR	М		0.1	ATS		WINTER	WHEAT		BARI	ŒY
Year	No. Farms	in Far		Farm Size	Ac	res	Ave Yle		Acre	es	Ave. Yld.	Acres	Ave.	Acr	es.	Ave. Yld.
1929	60	28		48 -	1	817	33			70	15			_		
1930	124	34		28	1	116	2:		2	25	12		-			
1931	78		84	40	3	.056	23			-		-	-	_		-
1932 1933	147 145	50 46	07	34 32	1	395 562	43 34	- 1		29 11	31 7		-			
1934	143		92	36	L	709	Į	3		±1	,			_		_
1935	113	44		3 9		100	10			5	30		_			
1930	99	64		65		501		_						_		
1937	116	53		47		245	20	0	3	31	21	14	18			
1938	152	48	21	32	1	303	3:	1	3	31	19	98	11	10		16
10 Yr,Ave	118	45	33	39	1	080	29	9		33	17	11	12	1		16
	R	YE		SOY	BEA	NS			GF		S SEE		T	AME	HAY	
			Ave.			Ave					1 &	Sweet				All
Year	Acre		Yld,	Acres	5	Yld	1 .		nothy				Alfa		1	ame Hay
1929							-	ACI	es	A(cres*	Acres -	Acre 176	8		Acres 194
1930				_		_		_			_	_	201			250
1931	-		_	-		-					_		138			153
1932				*****				~-	.		-		388			424
1933	_		-	-		-			.				273			338
1934						-		-				-	212			280
1935 1936			-			-			•		~		262			463
1937	16		- 28									-	438			623
1938	<u>-</u>		~ ·	_				_			_	5	311			351 280
10 Yr.Ave	2		2 8	0		Ú		С			0	, 5	251			336
	~												1 201			
Year	Wild	1		יי		All			ildin			dlots	TT - 1.			[dle
1 car	Hay	L	1	ll ture		Othe Crop		1	edlot ghway	,	1	Tim- only	Wast lan	1		Crop Land
	Acre	es	1	res	1	Acre		i	cres	S		res	Acre	- 1		cres
1929	208			175		291			87	****		-	35			
1930	133		1	313		377			188		(55	20			
1931	150		1	938		396			119			-	272			
1932	109		1	.962		454			201)	37	246			
1933 1934	93			.506		348		+	228		44		63			20
1935	98 4]		1	816 748		502 352		1	243 204		13	1	157 187		٦	177 .177
1936	225		1	.639		511		1	280		1	9	430			.552
1937	85			.770		363		1	219		69	1	399		_	209
1938	76		}	.740		497		1	288		12		196			173
LO Yr. Ave.	122	2	1	561		409			206		25	51	200			331

¹⁰ Year Average Acres: Spring Wheat 0; Flaxseed 0; Popcorn 0. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

^{*}Included in "All Tame Hay."

TABLE 17 LAND UTILIZATION AND YIELDS

·Layton Township

											· Laj	ten T	CWILS	nit	
						CORN		0.	AIS		VINTER 8	FEAT		BARL	ΞY
Year	No. Farms	Acre in Far	n	Ave. Farm Size	Acı		Ave. Yld.	Acre	s	Ave. Yld.	Acres	Ave. Yld.	Ac	res	Ave. Yld.
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	106 105 97 117 108 114 112 113 113	215 210 209 217 224 222 224 225 218	587 073 987 739 430 212 436 016	304 201 216 186 208 195 200 195 199	842 853 873 912 903 714 753 906 853	37 15 23 96 40 13 07	49 47 39 47 50 6 40 10 44 35	388 373 368 394 406 324 48. 257 300 312	51 36 73 85 47 14 72 30	37 38 23 28 15 11 24 20 47 38	110 85 98 70 68 308 295 368 1122 247	21 23 22 21 21 6 12 20 23 12	4 3 3 5 5 8 6 8	31 27 310 82 315 666 67 68	30 27 20 15 11 8 19 15 34
10 Yr, Ave	110	218	887	200	853	34	40	36	17	28	277	18	6	37	23
	RY	I		SOY	BEAI	NS		G.		S SEE.		T	A ^N E		
Year	Acres	Ave. Yld,		Acre	s	Ave. Yld.		othy res	Als.	l & .Clo. re_*	Sweet Clcver Acres	Alfa		Tar	All e Hay res
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	127 12 38 6 15 36 253 160 225 24	Yld, 7 15 2 17 3 16 5 8 5 20 6 8 3 14 6 20 6 20		10 -30 15		- - - - 10 - 6 12	3	- 60 50 - 72 - 4	17 2 20	17	24 - 24 - 4 149 8 5 27 161	44 47 59 61 76 93 72 72 106 106	4 9 7 8 2 6 9 5 7		990 2221 548 728 2175 818 259 247 749 543
10 Yr.Ave	90		16	6		8		51		19	38	74	3	1	.728
Year	Wild Hay Acre		Pas	ll ture res	C:	All ther rops cres	F	uildi: eedlo ighwa; Acres	ts.	for ber	dlots Tim- only res	Waste- land Acres		Id Cr La	le op nd res
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	Acres 12		5 4 5 5 5 6 4	125 940 178 077 206 325 744 846 968 178		40 73 74 171 541 234 176 205		1283 1120 1160 1137 1013 1037 1058 1115 1110			10 -	95 5 8 33 207 74 79 120		1 13 4 5	35 15 45 82 95 15 11
10 Yr, Ave	4	=	5	259]	151		1116			2	62		3	16

¹⁰ Year Average Acres: Spring Wheat 12; Flaxseed 3; Fopcorn 8. (Acreages also shown in "All Other Orcps")

^{*}Included in "All Tame Hay."

Source: Division of Agricultural Statistics,
Iowa Tepartment of Agriculture.

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TABLE 18 LAND UTILIZATION AND YIELDS

Lewis Township CGRN CATS WINTER WHEAT PARLEY Acreage Ave. No. in Tarm Year Farms Ave. Ave, Ave. Ave. Farms Size Acres Acres Acres Acres Yld. Yld. Yld. Yld. 10 Yr. Ave 81.8 RYE SOYBEANS GRASS SEED TAME HAY Red & Sweet All Ave. Timothy Ave. Alfalfa Year Als.Clo. Acres Acres Clover Tame Hay Yld. Yld. Acres Acres* Acres Acres* Acres _

2000	55	22		- 1	_	_		02	10.00	1	CIT
1937	207	21		-	-	-			1954	2	2217
1938	63	16		-				34	1514	2	205
lo Yr.Ave.	45	20	2	4	0,	0		10	1346		779
				All	Fuildi.	ngs.	Woo	dlots		7	dle
	Wild	All		$O { m the} { m r}$	Feedlo	- 1		Tim	Waste-		Crop
Year	Hay	Pastu	re	Crops	Highwa	- 1		only	land		Land
	Acres	Acres		Acres	Acres		Acres		Acres		cres
1929	845	567		428	873			70	867		273
1930	1214	578	37	477	710			10	765		15
1931	839	611	.5	552	711			1	135		8
1932	512	771	.8	580	765			62	599		390
1933	803	586	5	426	773	ł	7	80	557		419
1934	560	682	8	595	875			53	505	1	.585
1935	533	713	3	634	993	Ì	13	33	652		153
1936	609	887	4	183	990			5	643		366
1937	857	647	17	511	1002			26	168		431
1938	626	548	36	627	890			82	753	1	165
lo Yr. Ave.	740	6 59	6	501	858		13	32	564		480

10 Year Average Acres: Spring Wheat 20; Flaxseed 2; Fopcorn 1. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

^{*}Included in "All Tame Hay,"

TABLE 19 LAND UTILIZATION AND YIELDS

Lincoln Township

Farms	1		Lincoln Township							ip		
Year				1		OATS		WINTER	TARAT	B.	BARLEY	
1930	Year	No,	in Farm	Acres		Acres		Acres		Acr	es Ave.	
1932	1930	115 22	2252 193	8172	45	3868	36	440	22	32	8 28	
1934	1932	112 22	2055 197	8594	50	3769	28	233	15	29	0 14	
1937	1934 1935	113 22 113 22	2069 195 2138 196	7154 7376	8 34	4437	25	237 458	7 13	18 65	6 9 5 20	
RYE SOYFEANS SAME BARKEY SoyFEANS SAME BARKEY Red & Sweet Chover Alfalfa Acres Acres	1937	113 22	2705 201	8582	42	3075	44	1158	20	78	9 31	
Year Acres Ave. Yld. Acres Ave. Yld. Timothy Acres Red & Sweet Acres Alfalfa Acres Alfalfa Acres Ac						1				İ		
Year Acres Ave. Yld. Acres Ave. Yld. Timothy als. Clo. Acres Clover Acres Alfalfa Acres Tame Have Acres 1929 - - - - 13 89 - 271 1816 1930 - - - - 65 - 331 2158 1931 - - - - 88 - - 346 1844 1932 - - - - 111 - - 407 1755 1933 1 20 - - 60 - - 434 1982 1934 5 5 - - - - 669 669 1935 151 16 - - 287 - - 591 1140 1936 161 15 46 9 27 - - 694 1338		RYE	SO	SOYFEANS		GDas	S SAM	D BARIE		RIEY	EY	
1929 - - - - 13 89 - 271 1816 1930 - - - - 65 - 331 2158 1931 - - - - 88 - - 346 1844 1932 - - - - 111 - - 407 1755 1933 1 20 - - 60 - - 434 1982 1934 5 5 - - - - 669 669 1935 151 16 - - 287 - - 591 1140 1936 161 15 46 9 27 - - 694 1338	Year	Acres	1 40+		1	nothy Als	, Clo.	Clover	1	1	Tame Hay	
1932 - - - - 111 - - 407 1755 1933 1 20 - - 60 - - 434 1982 1934 5 5 - - - - - 669 669 1935 151 16 - - 287 - - 591 1140 1936 161 15 46 9 27 - - 694 1338	1930			ĺ	- 1	3	89		271 331	1816 2158		
1934 5 5 - - - - - 669 669 1935 151 16 - - 287 - - 591 1140 1936 161 15 46 9 27 - - 694 1338	1932		20	. -	- 11	1	 	-	407	1755		
1000	1935	151	16 -				-	- -	669 591	669		
1938 115 14 15 - 72 742 1272	1937	230	15 34	1	3 3	0	-	20 72	752	3	1295	
10 Yr, Ave 66 15 8 9 63 15 9 524 1527	10 Yr. Ave	66	15	3 9	9 6	3	15	9	524			
Wild All Sther Feedlots, for Thm- Waste- Crop		i		All Other		eedlots,	Tim- Waste-		- 1	Crop		
Acres Acres Acres Acres Acres Acres		•	1	_	1			-	land Acres			
1929 18 6244 124 776 1930 30 6075 122 1059 1931 40 6401 114 952	1930	30	6075	075 122		1059		-	-			
1932 10 6164 119 101C 150 1933 25 5448 125 989 - 150	1932 1933	10	6164	119		1010		-	-		150	
1934 - 8592 112 1071 - - 605 1935 10 5896 522 1155 - - 51 1936 - 6783 103 1156 - 7 -	1935	10	5896	522		1155						
1936	1937		5973	264	:	1255		-	-		290	
O Yr.Ave. 15 6402 181 1074 C 1 110	O Yr.Ave.	15	6402	181				С	1		110	

¹⁰ Year Average Acres: Spring Whoat 10; Flaxseed 0; Popcorn 5. (Acreages also shown in "All Other Crops")

^{*}Included in "All Tame Hay."

Scurce: Livision of Agricultural Statistics,
Icwa Pepartment of Agriculture.

CS START AND UTILIZATION AND YIELDS

¹⁰ Year Average Acres: Spring Wheat __.4 ; Flaxseed _0; Foocorn _ll . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics, *Included in "All Tame: Hay."

Source: Division of Agricultural Statistics,
*Included in "All Tame: Hay."

TAPLE 21 LAND UTILIZATION AND YIELDS

Minden Township

				Ave.		CORN	Ī .	0.4	TS		INTER	WELLAT		BARL	EY
Year	No, Farms		rms	Farm Size	Ac	res	Ave Yld	Acre	2 in 1	Ave, Yld.,	Acres	Ave Yld	1 AL	res	Ave. Yld.
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	132 143 148 144 149 141 134 149 140 135	22 21 21 22 21 22 22 21 22	526 067 807 991 302 803 271 156 979 262	162 154 147 153 150 155 166 149 157 165	10 10 10 8 10 9	059 413 726 490 849 053 846 108 848 205	50 34 33 46 42 5 22 4 28	399 478 417 412 363 289 443 312 329 334	55 79 37 31 90 37 34	33 32 32 39 9 8 20 13 39 30	51 30 33 32 16 38 246 148 1120 438	29 26 22 16 14 6 15 18 23	3 4 4 1 2 4 5	887 331 418 434 93 882 493 519 555	30 27 20 16 8 7 20 14 34 28
10 Yr, Ave	142	21	996	155	9	861	34	377	77	25	215	19	1 5	501	23
	k	Æ		SOY	FE 7	NS.		 CE		3AH.			TAME		
Year	Acre		Ave.	Acre	S	Ave Yld	7	othy es		. & .Clo res*		Alf Acr	alfa es*	Tan	ll ne Hay cres
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	149 49 310 54	0 9 0 4	20 - 6 13 13 19 12	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						11118895	-48 20 9 29 96 41 115 50	77 88 88 10 10 81 10	62 31 58 55 77 21 75 27 18	1 1 1 1 1 1 1 1 1 1	.114 .106 .054 .100 .330 .314 .162 .357 .393
10 Yr. Ave Year	, 56 Wild	0	16	All		All ther		iildir edlci			44 Cots	Was	81 te-	I	205 Cale Grop
	Hay Acre	c	4	sture		rops		ghwaj	S	é	only	la		I	and
1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	80 71 60 55 66 64 136 47 58 47		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	17es 4585 3827 4118 4132 3835 5433 4800 4685 3981 4251		cres 155 111 99 84 115 142 546 130 53 295		857 1131 974 916 1031 1032 1076 1095 1063		1 1 1 1	37 - 43 50 35 37 21 26 06	10 12 18 8 9 30 24 18	9 1 5 8 4 9 7 6		284 1079 2329 101 411 96 422
10 Yr, Ave	68		4	1365		173		1021			76	15	9		476

¹⁰ Year Average Acres: Spring Wheat 16; Flaxseed 0; Popcorn 1, (Acreages also shown in "All Other Crops.")

^{*}Included in "All Tame Hay."

TABLE 22 LAND UTILIZATION AND YIELDS

*Included in "All Tame Hay."

¹⁰ Year Average Acres: Spring Wheat 9; Flaxseed 0; Popcorn 0. (Acreages also shown in "All Other Crops.")

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 23 LAND UTILIZATION AND YIELDS

Norwalk Cownship

											NOLM	alk Co	WIISI	11 T	
	No.	Acr	eage	Ave.		CORN		0	ATS		WINTER	WHEAT		PAR	LEY
Year	Farms	in Fai	n rms	Farm Size	Ac		Ave. (ld.	Acre	s	Ave.	Acres	Ave. Yld.	Acı	res	Ave.
1929	133	21	785	164	1.	1225	49	288	8	37	55	25	5.	12	28
1930	135	21	564	160	1.	1299	31	303	0	27	. 55	21	4	49	21
1931	131	21	496	164	10	0849	32	281	4	26	110	21	54	41	25
1932	140	1	687	155		1378	45	268		27	70	14	t .	78	19
1933	145		026	152		1240	43	298		7	58	19		16	7
1934	141		150	157		9333	7	203	1	7	106	13	l	36	6
1935	129	1	787	169		9240	14	359	- (27	307	13	1	42	19
1930	134	1	306	159		0140	7	178		10	180	22	ŀ	84	11
1937	122	1	747	178		9855	25	187	- 1	33	1230	23	į.	41	32
1938	121	21	588	178	,	9118	37	149	5	26	907	12	210	67	26
10 Yr.Ave.	133	21	714	163	10)3 C 8	35	251	9	23	309	18	6	57	22
	R	YE		S03	BE.	ANS		GF		SEE		1	TAME		
Year			Ave.	Α		Ave	. Ti	mo thy	Red		Sweet	Alfa	lfa	4	All
rear	Acres	8	Yld.	Acres	3	Yld		cres	4	.Clo		Acre		1	me Hay cres
1929	3		30			_		30			-	112		1	1558
1930				-		_		-		-		117	9		1248
1931	-		- `	_		_		-			_	112	9		1226
1932	8		20	-		-		-			-	113			1204
1933			-	-		_		~			53	122			1295
1934	46		8	-		-				-	-	130		1	1498
1935	198		13			-			,		5	128		1	1603
1936	147		. 10			_				-	-	152			1602
1937	313		18			-	İ	-			1	153			1727
1938	52		12	-		-		-				140	1		1523
10 Yr.Ave.	77		14	0		0	1_	3		0	6	128	5		1449
						All		uildir		1	dlots				dle
Year	Wild	i		11		Other		eedlot		1	Tim-	Wast	1		rop
	Hay		i i	ture		Crops		ighway	78	1	only	lan	1		and
1929	Acre			res		Acres		Acres		~	res	Acre	S	A	cres
1929	71 30		4	359 264		46		1272		1	16	306			344
1930	33		1	264 309		74		1496		1	37	341			41
1932	80		1	849		4 48		1327		1	24	159			-
1933	60			684		48 72		1093			1	595 410			555
1934	18		1	233		11		968		2	12	92			266
1935	17		•	905		245		596			67	112	- 1		52
1936	24		1	917		240		1071		1	37	6			-
1937	7		1	918		5		108		1	20	46			24
1938	16			132		-		1100		1	40	37			-
10 Yr. Ave.	36	3	4	657		50		1160)		85	210			128

¹⁰ Year Average Acres: Spring Wheat 7; Flaxseed 0; Popcorn 0. (Acreages also shown in "All Other Crops")

^{*}Included in "All Tame Hay."

TABLE 24 LAND UTILIZATION AND YIELDS

10 Yr. Ave.

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

¹⁰ Year Average Acres: Spring Wheat 20; Flaxseed 16; Fopcorn 1, (Acreages also shown in "All Other Crops")

^{*}Included in "All Tame Hay."

TABLE 25 LAND UTILIZATION AND YIELDS

¹⁰ Year Average Acres: Spring Wheat 287; Flaxseed 1; Popcorn 2. (Acreages also shown in All Other Crops.")

^{*}Included in "All Tame Hay."

TABLE 26 LAND UTILIZATION AND YIELDS

¹⁰ Year Average Acres: Spring Wheat 2; Flaxseed 0; Popcorn 0. (Acreages also shown in All Other Crops")

Source: Division of Agricultural Statistics, *Included in "All Tame Hay."

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 27
LAND UTILIZATION AND YIELDS

Valley Township

											Val	ley To	wnsh	nb	
		1000	0.00	ATTO		CORN		0	ATS		WINTER	WHEAT		BAR	ŒY
Year	No. Farms	Acre in Far		Ave. Farm Size	Ac	res	Ave. Yld.	Acr	es	Ave.	Acres	Ave,	Αc	eres	Ave. Yld,
1929	121	209	64	173	88	41	50	351	7	36	485	23	4	153	28
1930	126	209	45	166		232	43	369		39	260	28		888	28
1931	127	218		172		01	39	424	1	33	236	25		100	24
1932	123	214		175		307	.41	397		23	64	16		32	15
1933	127	215		170		-66	52	404		12	28	30		96	6
1934	128	216		169		342	10	306		13	260	7		89	11
1935	132	221		168		321	36	428	1	28	351	25	2	204	20
1936	135	221		164		.93	10	273		21	546	29		151	21
1937	138	221		160		91	39	259		42	1306	25		500	34
1938	137	218		160		47	37	248		34	826	13	ı	361	33
10 Yr.Ave		216		168		64	39	346	1	28	436	22		107	27
10 11.AVE							7								21
	R	YE		SOY	BEA	WS				SCEI	· · · · · · · · · · · · · · · · · · ·	1	AME		
Year	A		Ave.			Ave.	Tim		Red		Sweet	Alfal	fa	1	All_
	Acre		Yld.	Acres	,	Yld.	ł				Clover			,	ne Hay
1929							AU	res O			Acres	Acre			cres
1930	•9						- 1		1	13	-	87		1	1476
1931	5		20	5		24	2	O	,	65	-	100		1	1518
1932	J		20	14		24 18	1	<u> </u>		_		88			1233
1933	33		71.77	10		25	}			-		92			1265 1687
1934	42		13 8			20	- }	-	1			111		1	1706
1935	128		18			-	1	 8		~	6	95		1	1546
1936	149		19	13		4	1	8		•••		103		1	1446
1937	398		19	18		6	ļ	· •		-	-	130		1	1757
1938	85		19	10		0	-			-	91	1		į.	1658
1300	00		Τ.	-						-	91	124	10		1020
10 Yr, Ave	. 84		18	6		13	1	8		18	10	101	.5		1529
						All		uildi		Wood	lots			I	dle
	Wil	ď	1	All		Other	· F	eedlo			Tim-	Waste)a		rop
Year	Hay		Pa	sture		Crops	H	ighwa	ıy s	ber	only	land	L		and
	Acr		· · · · · · · · · · · · · · · · · · ·	cres		Acres	5	Acres		ACI	ា ន	Acres	3		cres
1929	13			4641		28		1282			-	46			172
1930	8			4639		34		1247			-	9			
1931	8		L	4493		25		1540]	-6	47			-
1932	-			4438		57		1492			3	115		10	013
1933	5		1	46 50		18		1218		2	37	78			233
1934	8		1	6984		24		1339			8	39			728
1935	8			6005		99		1401			3	20			252
1936	8		1	56 80		95		1369			6	110			341
1937	12		3	5075		76		1359		2	27	262			252
1938	10			5387		368		1355	5		3	111			281
10 Yr.Ave	8			5199		82		1360)		9	84		;	327

¹⁰ Year Average Acres: Spring Wheat 17; Flaxseed 1; Foncorn 16. (Acreages also shown in "All Other Crops.")

^{*}Included in "All Tame Hay."

10 Yr. Ave.

TARLE 28 LAND UTILIZATION AND YIELDS

¹⁰ Year Average Acres: Spring Wheat 8; Flaxseed 6; Popcorn 5. (Acreages also shown in "All Other Crops.")

Source: Division of Agricultural Statistics, *Included in "All Tame Hay."

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 29 LAND UTILIZATION AND YIELDS

Waveland Township

												wave	eland	10/11	SIIIP	
		No.	Acrea	age	Ave.	CC	RM		0.1	TS		WINTER	WHEAT		B-RL	Y
	Year	Farms	in Farı	ns	Farm Size	Acres	0 1	7e.	Acre	s	Ave. Yld.	Acres	Ave. Yld.	Ac	res	Ave. Yld.
	1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	131 135 140 149 160 154 149 153 138 129	2227 2209 2244 2233 2202 2227 2239 2193 2226	99 34 34 32 71 96	170 164 160 151 140 143 149 146 159 173	9469 10051 10889 11114 10344 8134 8335 9638 9059 8803	2 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	15 10 18 18 7 18 13 13 13 18	289 311 282 317 325 241 346 239 203 249	7 28 79 53 26 60 30	29 34 27 29 17 9 25 18 41 32	1483 966 546 569 378 1013 1194 1334 2693 2124	20 22 22 19 22 18 15 25 19	1 3 2 1 1	91 32 00 02 21 17 06 65 97	32 29 24 19 9 6 16 15 28 28
三	Yr.Ave.	144	2224	42	155	9584	1 2	88	280)6	26	1230	19	1	67	21
		F	RYE		SOY	SEANS			GE		SEE		T	AFE		
	Year	Acres	3 1 -	Ave. Yld,	Acre		ve.	Tin Acr	othy es		l & s.Olo 'es*	Sweet Clover Acres	Alfa		Ta	All me Hay cres
	1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	28 28 - 25 52 226 87 152 61		12 9 - 20 8 12 12 24 15	- 10 5 67 117 93 96		- 5 16 6 9 13 9	1		51 44 9 12 36	.3 17 16 22	6 12 - 40 - 22 20 - 23 122	60° 56° 53° 37° 55° 57° 59° 56° 50° 32°	7 7 9 1 7 4 6 2		1803 1904 1537 1263 1973 1211 1177 1371 1252 1302
10	Yr.Ave.	66		15	49		11		8 .	15	6	24	520	0		1479
	Year	Wil Hay Acr	7	Pas	ll ture res	Al Oth Cro	ner ps	Fe Hi	ildir edlot ghway	s,	for ber	Clots Tim- only	Waste lane	d	I.	dle rop and cres
	1929 1930 1931 1932 1933 1934 1935 1936 1937 1938	3 3 4 3 	3 3 3 4 3	3 3 4 4 4 4 4 5	909 691 459 036 436 938 752 124 230 686	6 1 10 11 14 12	6 5 9 6 4 86 88 72	1	1157 1097 1250 1158 1173 1177 1213 1235 1212 1155		26 21 21 21	90 80 97 25 67 10 58 98 75	561 688 362 383 156 202 303 294 343 353			215 18 14 26 55 2438 673 493 441 498
1	Yr,Ave		2	4	426	13	57		1183		2	30	264			487

¹⁰ Year Average Acres: Spring Wheat 6; Flaxseed 1; Poocorn 4. (Acreages also shown in "All Other Crops.")

^{*}Included in "All Tame Hay."

TAPLE 30 LAND UTILIZATION AND YIELDS

Source: Division of Agricultural Statistics,
*Included in "All Tame Hay."

Source: Division of Agricultural Statistics,
*Included in "All Tame Hay."

¹⁰ Year Average Acres: Spring Wheat 2; Flaxseed 0; Popcorn 2. (Acreages also shown in "All Other Crops.")

TABLE 31 LAND UTILIZATION AND YIELDS

10 Yr.Ave

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

¹⁰ Year Average Acres: Spring Wheat 18; Flaxseed 9; Popcorn .2. (Acreages also shown in "All Other Crops.")

^{*}Included in "All Tame Hay."

TABLE 32 LAND UTILIZATION AND YIELDS Total Incorporated Town Pata

Avoca, Carson, Hancock, Macedonia, McClelland, Minden, Neola, Underwood, Walnut

Avoca, (Jarson,	нап	COCK,	Maced)II I 6	با23 و له 	.01e1	ranu,	171.1.1	iden,	Neora,	Underv	700 u	, wa	LIIU 6
		Acr	eage	Ave.		CORN		0.1	TS		WINTER	WPEAT		BAR	LEY
Year	No. Farms	Far	n Ms	Farm Size	Acı		Ave. Yld.	Acre		Ave. Yld.	Acres	Ave.	1 A (:	res	Ave. Yld.
1929	79	17	28	22	7	03	50	78	3	48	43	30		43	27
1930	74	15	31	21	6	571	37	84	1	43	2	25		-	
1931	-81	16	29	20	6	37	37	112	?	38	9	25		8	12
1932	71	16:		23		82	42	77		39	~	-		12	27
1933	77	15		21		45	48	91	- 1	28	14	36		36	24
1934	80	16		20		593	5	45		22	13	8		-	-
1935	84	19	3	24		599	25	146		24	24	25		10	40
193€	210	450		21		.65	16	115		29	72	29		-	
1937	201	36		18		571	32	172		36	236	17		-	-
1938	194	37	50	19	S	004	47	126		37	147	12		65	29
10 Yr.Ave	115	23.	58	20	7	27	39	105	5	34	56	19		17	27_
	RY.	E		SO	(BEA	INS		GE		SE EI		• 7	PAME	HAY	
	•		Ave,			Ave	m÷,	no thy	Red		Sweet	Alfal	fo		411
Year	Acres		Yld.	Acre	es	Yld			1		Clover	1			ne Hay
70.60			114.			114	A	cres	Ac	res*	Acres	Acres		A	cres
1929	-		-					-		-	-	48			53
1930 1931			-	-		_		-		_	-	83			90
1932	-		-			_				_		84			90
1933	-		-	-		-		-		-	-	66		-	89
1934	20		2	_		_				_	_	100		1	L10 _28
1935	20		<i>ا</i>	_		_		~			~	123		1	131
1936	4		35							_	_	203		1	39
1937	5		18	_				_			-	164		1	219
1938	-		-	_	- [-	125		(L55
10 Yr. Ave			9	0		0		0		0	0	112			130
			T							7	<u> </u>	1 - 1 - 1			
37	·	7				All					dlots				lle
Year	Wil		1	111		ther		reedlo			Tim-	Waste			gon
	Hay		1	sture		rops	F				only				and
1929	Acre	e s	A	cres 660	A	cres		Acres		AC	res	Acres		AC	cres
1929				551		3		101			8	20 29			_
1931	_			627		2		101			_	29 39			
1932				536		z 9		142			_	38		5	8
1933				502		8		131			12	17			.8
1934				672		1		103			-	26			36
1935				865		10		137			3	37			7
1936		e	1	L860		303		272		1	.35	69		26	
1937	5			541		224		214			97	80		16	1
1938			1	L469		363		283			21	70		14	
10 Yr, Ave	.5			928		93		150			28	42		6	8

¹⁰ Year Average Acres: Spring Wheat 0; Flaxseed 0; Popcorn 2. (Acreages also shown in "All Other Crops.")

^{*}Included in "All Tame Hay."

TABLE 33
COUNTY LIVESTOCK NUMBERS
January 1

Year	All Cattle*	Milk Cows	Horses	Mules	Sheep	Hogs
1870	9,171	3,357	3,470	181		13,574
1880	43,890	13,899	15,955	1,299	1,879	76,294
1890	72,966	16,057	25,208	2,011	1,681	126,777
1900	89,915	18,454	23,815	1,769	9,073	137,114
1910	74,586	16,160	25,057	1,978	6,182	157,387
1920	78,056	17,173	23,060	2,389	13,268	177,409
1925	83,652	16,519	20,206	3,271	8,502	185,703
1930	74,370	19,395	17,875	2,847	14,388	218,283
1935	80,633	22,068	15,418	2,132	11,774	128,227
1936	88,504	20,527	14,891	1,990	11,791	141,472
1937	66,864	20,322	14,138	1,781	11,677	100,505
1938	70,743	19,192	13,463	1,696	9,902	124,328
1939	71,619	19,313	12,882	1,590	10,399	136,216

The figures in this table for the years 1870-1935, inclusive, have been derived from the Federal Censuses for Iowa. These enumerations have been made as of different dates. Some enumerations were for a base date of January 1, others for a base date of April 1, and others for June 1.

The census enumerations made in 1920, 1925 and 1935 were for January 1. For comparability the enumerations made for the base dates pf April Land June 1 were adjusted to an equivalent January 1 base. This adjustment procedure places the livestock data of the above table on the one inventory date of January 1.

The figures for 1936, 1937, 1938 and 1939 for all cattle and milk cows are estimates of the Division of Agricultural Statistics of the Iowa Pepartment of Agriculture and those for horses, mules, hogs and sheep are adjusted State farm assessors! figures.

The adjusted county figures for horses, mules, hogs and sheep for the last four years in the table are more nearly accurate than those in Tables 34 and 35 and comparison with these figures will provide an estimate of the bias displayed by the unadjusted State Farm assessors' figures.

^{*}Includes Milk Cows.

TABLE 34
LIVESTOCK NUMBERS
By Townships

			1936					1937		
Township	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Belknap	293	30	2259	474	2278	283	37	1448	629	1329
Boomer	614	96	2651	77	3795	529	75	1604	130	2409
Carson	352	53	1977	279	3742	305	34	1377	377	2016
Center	402	77	4188	452	5730	372	64	2751	517	4187
Crescent	371	61	1969	233	1816	243	45	942	45	764
Garner	338	32	1430	174	1034	363	29	970	20	362
Grove	492	76	2478	344	4732	365	45	1368	330	2117
Hardin	496	53	3523	571	4518	469	64	1969	183	3301
Hazel Dell	610	65	3332	55	2740	549	46	2131	83	1633
James	625	43	4133	123	5850	582	46	2781	110	3990
Kane	23	2	51	_	100	14	1	47		-
Keg Creek	616	88	3529		4917	584	83	2238	30	3543
Knox	431	37	3116	-	4406	493	38	3165	469	3747
Lake	92	7	282	-	41	97	16	287	-	12
Layton	563	39	2950	424	4859	486	45	2622	343	4127
Lewis	539	121	3643	334	2354	380	102	2219	88	1753
Lincoln	536	46	3184	415	5575	531	49	2720	291	4535
Macedonia	352	29	1824	327	3217	386	30	1605	376	2483
Minden	670	40	3223	334	4223	605	38	2188	452	2744
Neola	540	75	3998	128	4275	507	67	2170	371	2238
Norwalk	556	54	3733	251	3833	597	58	2361	239	2660
Pleasant	585	41	3908	313	5882	579	46	3071	170	3888
Rockford	446	107	1357	63	990	389	90	997	129	757
Silver Creek	618	60	3582	307	5378	589	54	2392	225	4349
Valley	496	52	3583	621	4544	481	51	2967	631	3385
Washington	605	61	3301	34	5836	585	51	1968	27	3823
Waveland	511	57	2314	845	3500	473	53	1663	995	2419
Wright	453	46	3475	185	4647	407	47	2122	76	2866
York	544	73	3182	170	5072	548	65	2261	229	3182
ALL TOWNS	48	13	301	127	254	87	11	367	76	289
COUNTY	13817	1634	82476	7760	110138	12878	1480	56771	7641	74908

The statistics in this table are biased downward. They are printed only to permit inter-township and inter-annual comparisons. Unless townships are equal in size, comparisons may not be directly made. It is assumed that individual assessors are subject to approximately the same bias. Compare Table 33 for magnitude of the bias.

TABLE 35 LIVESTOCK NUMBERS
By Townships

			1938				J _,	1939		
Township	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Belknap	245	36	1965	362	2262	231	30	1852	415	2895
Boomer	467	77	1751	39	2658	376	58	1787	49	3153
Carson	319	57	1660	278	2784	289	47	1754	279	2900
Center	358	66	3118	848	5913	378	57	3292	455	6891
Crescent	244	28	1144	138	1147	252	35	1387	108	1403
Garner	313	38	1069	32	830	324	53	1749	_	1734
Grove	378	47	1285	194	2424	422	20	1717	229	3555
Hardin	488	48	2342	108	3519	455	55	3284	225	4452
Hazel Dell	514	4 8	2199	93	1530	502	53	2614	97	2383
James	590	37	2879	144	4533	542	42	3326	264	4849
Kane	21	1	32	-	9	19	9	55	20	104
Keg Creek	555	81	2365	58	4511	484	62	2587	32	5004
Knox	455	38	2928	379	4803	443	26	2965	692	5500
Lake	64	17	214		15	94	12	310	18	130
Layton	519	43	3204	362	5288	505	51	2926	267	4995
lewis	435	117	2527	344	1948	405	110	2076	933	2284
Lincoln	509	45	2814	223	4135	516	29	2836	551	5716
Macedonia	360	30	1444	287	2602	351	21	1523	258	3068
Minden	574	37	2525	126	2890	523	49	2549	68	3436
Neola	487	65	2802	206	2844	452	78	2523	242	3773
Norwalk	483	44	2697	134	3012	402	43	2476	251	3634
Pleasant	567	33 75	3211	67 87	4692	561	34	3421	. 122	6028
Rockford Silver Creek	405 533	54	1209	180	919 4057	389 518	69	1139	47	1183
Valley	472	47	2427 3172	610	4653	457	49	3079 3038	306 528	4996 5462
Washington	588	56	2221	107	4353	599	71	3518	247	5703
Waveland	433	69	1987	631	3240	391	59	1908	423	3452
Wright	420	41	2872	289	4018	444	36	2435	250	4813
York	512	56	2550	156	4475	502	51	2680	250	4732
1011	UID	50	2000	100		302	U.L	2000	ı	1102
ALL TOWNS	67	9	418	397	340	62	10	412	100	221
COUNTY	12375	1440	63031	6879	90404	11888	1359	67218	7476	108449

The statistics in this table are biased downward. They are printed only to permit inter-township and inter-annual comparisons. Unless townships are equal in size, comparisons may not be directly made. It is assumed that individual assessors are subject to approximately the same bias, Compare Table 33 for magnitude of the bias.

TABLE 36
CHEAMERY STATISTICS
1905-1939

			Butter	Butter
	Number of	Butter	Sold In	Sold Out
Year	Creameries	Made	Iowa	of Iowa
	In County	Thousand	Thousand	Thousand
		Pounds	Pounds	Pounds
1905	5	1,277	27	1,251
1906	1	225	*	*
1907	1	60	60	*
1908 1909	1 2	300 394	300 104	*
1910	2	1,112	300	*
1911	ı 1	1,226	*	*
1912	2	988	100	888
1913	l ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	982	229	753
1914	1	955	207	747
1915	1	970	305	665
1916	1	1,184	202	982
1917	1	1,442	270	1,174
1918	1	1,439	298	1,141
1919	1	1,342	268	1,110
1920	2	1,238	287	949
1921	2	1,797	343	1,016
1922	1	1,339	316	1,022
1923 1924	1	1,305 1,154	284 257	1,055 897
1925	1	1,128	333	734
1926	1	1,240	298	927
1927	1	1,248	183	1,078
1928	2	1,328	198	1,130
1929	2	2,082	246	1,835
1930	2	2,096	625	1,471
1931	2	2,669	422	2,177
1932	2	2,742	540	2,248
1933	2	1,715	263	1,453
1934	1	1,724	242	1,491
1935	1.	1,502	252	1,248
1936	1	1,390	272	1,118
1937	1	1,474	294 315	1,175 1,492
1938 1939	*	1,814	* 312	1,492 *
1303				
1				

The sum of the two columns "Butter Sold in Iowa" and "Butter Sold Out of Iowa" is not intended to equal the second column "Butter Made", because stocks of butter on hand at the end of the year and butter used for miscellaneous purposes are not included in this table.

^{*}Not given in source.

TABLE 37 CHICKENS AND EGGS 1880--1935

Year	Chickens	Eggs Produced
	Number	Dozen
1880	111,308	465,798
1885	191,420	571,892
1890	407,253	957,853
1895	300,005	1,002,595
1900	315,238	1,733,670
1905	392,300	1,624,901
1910	502,335	1,651,499
1915	464,995	2,266,665
1920	457,057	1,914,843
1925	492,360	2,069,389
1930	504,033	3,181,039
1935	422,300	2,153,264

Source: U.S. Agricultural Census.
Iowa Agricultural Census.

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TABLE 37
NUMBER OF FARMS REPORTING SPECIFIED ITEMS

	Number					GRAIN C	ROPS			
Year	of Farms	Corn	Oats	Winter Wheat	Spring Wheat	Barley	Rye	Buck- wheat	Soy- beans	Flax- seed
1930	3663	3482	2594	352	47	483	20	0	2	0
1932	3727	3389	2418	197	33	451	14	1	4	1
1934	3705	3416	1927	390	18	280	96	0	5	4
1936	3755	3240	1860	691	30	587	316	<u>1</u> / <u>1</u> /	32	6
1938	3696	3288	2160	910	30	1593	205	1/	31	2
Average	3709	3363	2192	508	32	679	130	0	15	3
					***	HAY CRO	OPS			
	_	Clover		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Grain			~ 3	Other	Wild
Year	Pop-	and	Alfalfa	Soy-	Cut	Clover	Timothy	Sudan	Tame	Hay
		Timothy		bean	Green			Grass	Hay	
1930	4	184	2151	2	1/	259	110	31	233	262
1932	14	133	2238	6	215	189	107	117	238	199
1934	1	63	2383	61	268	52	33	166	301	211
1936	3	163	2396	68	5 5 3	1/	$\frac{1}{1}$	$\frac{1}{1}$	233	215
1938	43	62	2109	404	359	$\frac{1}{1}$	<u>1</u> /	<u>1</u> /	508	174
Average	13	121	2255	108	349	167	83	105	303	212
	Gi	RASS SEE	D				LIVE	STOCK		
		Red &		All						Sows for
Year	rimothy		Sweet Clover	Pasture	Horses	Mules	Cattle	Sheep	Hogs	Spring
7.000		Clover		7.45.4	7 /	7 /	7 /	7 /	7 /	Farrow
1930	5	85	24	3434	$\frac{1}{\frac{1}{1}}$	$\frac{\frac{1}{1}}{\frac{1}{1}}$ 659	$\frac{1}{1}$	1/ 1/ 1/ 240	$\frac{1}{2}$	2433
1932	10	15	.7	3404	=/,	$\frac{1}{2}$	<u>+</u> /,	±/,	$\frac{1}{1}$	2401
1934	1 ~	13	166	3437	· _ ′	1/	1/	1/		2205
1936	7	2	46	3330	2888	659	3050	240	2472	1932
1938	24	2	195	3234	2831	608	3031	232	2534	2281
Average	9	23	88	3368	2860	634	3040	236	2503	2250
		EQUIP	MENT			MIS	CELLANEC	US		
			1				Timber		Idle	Other
Year	Trac-	Trucks	Autos	Radios	Pota-	Apoles	and	₩aste-	Crop	Crops
	tors				toes	1110100	Wood	land	Land	02000
1930	1345	374	3072	2259	1752	7	167	555	45	355
1932	1266	330	3089	1519	1809	85	147	501	299	457
1934	1344	268	3109	1616	1509	70	209	657	2139	549
1936	1656	259	2973	2263	961	62	154	282	643	1044
1938	1520	287	3071	2702	1/	1/	246	999	477	1072
Average	15 06	304	3063	2072	1508	56	165	599	721	695

TABLE 39
FARM AND LAND TENURE

		CM	NERS				-OFNERS	
Year	No.of Farms	% of Total	No. of Farm Acres	% of Total	No.of Farms	% of Total	No. of Farm Acres	% of Total
1928	1,417	40.2	193,736	34.9	349	9.9	69,285	12,5
1932	1,570	42.9	193,654	35,0	315	8.6	65,907	11.9
1932	1,543	41.4	190,537	33,8	368	9.9	78, 306	13.9
1934	1,451	39.2	190,123	33.7	338	9.1	69,212	12.2
1936	1,473	39,2	191,342	33.7	369	9.8	77,906	13.7
1938	1,522	41.2	207,225	36.2	341	9.2	74,501	13.0
		·	*					
1928-38 Average	1,496	40.7	194,436	34.5	347	9.4	72,519	12.9
		T	ENANTS			T	OTALS	
Year	No.of Farms	% of Total	No. of Farm Acres	% of Total	No.of Farms	% of Total	No. of Farm Acres	% of Total
1928	1,761	49.9	292,356	52,6	3,527	100.0	555,377	100,0
1930	1,778	48.5	293,668	53.1	3,663	100.0	553,229	100.0
1932	1,816	48.7	295,114	52.3	3,727	100.0	563,957	100.0
1934	1,916	51.7	305,508	54.1	3,705	100.0	564,843	100.0
1936	1,913	51.0	299,285	52,6	3,755	100.0	568,533	100.0
1938	1,833	49.6	291,447	60.8	3,696	100.0	573,173	100.0
1928-38 Average	1,836	49.9	296,230	52.6	3,67 9	100.0	563,185	100.0

TABLE 40 YEARS OF TEMURE January 1, 1935

	Dottor	attamie		
	Cou		State of	Icwa
Owners	Number of Farms	Fercent of County Total	Number of Farms	Fercent of State Total
On present farm less than 1 year 1 year 2 years 3 years 4 years 5-9 years 10-14 years 15 years and over	88 87 66 52 65 281 231 827	5.2 5.1 3.9 3.1 3.8 16.6 13.6 48.7	4,442 3,198 3,282 2,857 3,228 11,726 11,279 45,076	5,2 3,8 3,4 3,8 13,8 13,2 53,0
TOTALS	1,697	100.0	85,088	100.0
Tenants				
On present farm less than 1 year 1 year 2 years 3 years 4 years 5 years and over	381 304 195 127 121 807	19.7 15.7 10.1 6.6 6.2 41.7	21,763 15,053 11,555 8,285 7,564 43,826	20.1 13.9 10.7 7.7 7.0 40.6
TOTALS	1,935	100.0	108,046	100.0

Source: U.S. Agricultural Census.

TABLE 41
FREQUENCY DISTRIBUTION OF FARMS BY SIZE CLASSES

,																					···			
Total Farms	670-709 710-over	630-669	590-629	550-589	510-549	470-509		390-429	250-289	310-349	270-309	230-269	190-229	150-189	110-149	-	50. 69			0. 9	Fains	j 	in	Acres
3527	7	2	۳	4	7	17	15	41	46	126	126	290	353	778	578	561	98	191	191	94	Farms	Ho. of	1928	
100.00	. 20	.06	,03	• 11	,20	•48	.42	1,16	1,30	3,57	3,57	8.22	0	0	3	15,91	, 7	0	4	2,66	1 0	% of	8	
3663	9 8	. 22	2	ග	3	22	15	36	42	119	132	280	356	747	592	598	106	201	240	154	Farms	No. of	1930	
100,00	25	• 06	• 06	.14	.08	,60	• <u>1</u> 1	,98	1,15	3,25	3,60	7,64	9,72	20.39	16,16	16,32	2,89	5.49	6.55	4.20	Total	% of	0	
3727	o 8) <u> </u>	S	9	10	30	20	31	45	124	121	276	336	796	563	595	119	215	263	162	Farms	No. of	1932	
100,00	.05 .16	• 03	.08	.24	.27	. 80	. 54	83	1,21	3,33	3,25	7.40	9,01	21.36	15.11	C	3,19	9	•	4,35	Total	% of	52	Number
3705	o С	, ш	2	6	9	24	19 .	34	45	133	133	275	337	778	604	595	119	210	243	132	Farms	No. of	1934	of Farms
100.00	.16	03	• 05	,16	. 24	65	,51	• 92	1,22	3,59	3,59	7,42	9.10	21,00	16.30	16.06	3.21	5,67	6.56	3.56	10	% 01	4	
3755	. 7 -	, C3	ĊΠ	8	9	24	21	27	56	134	135	286	322	751	580	603	131	224	268	160	Farms	No. of	1936	
100.00	• 19	.08	.13	.21	,24	.64	• 56	. 72	1,49	3.57	3,59	7,62	8.57	20,00	15,45	16,06	3,49	5,96	7.14	•	Total	% of	6	
3696	. 11) W	4	ហ	œ	23	26	32	54	138	138	291	318	756	549	540	112	182	290	216	Farms	No. of	1938	
100.00	• 30	• 02	• 11	• 14	. 22	. 62	.70	.87	1.46	3,73	3.73	7.87	8,60	20.46	14.85	14.61	3,03	4.93	7.85	5.84	Total	%् % of	8	

TABLE 42
AUTOS, TRUCKS, TRACTORS AND RADIOS
1926-1939

Year	Automobiles	Trucks	Tractors	Radios
1926	3,414	558	667	1,547
1927	3,544	554	729	1,818
1928	3,747	542	921	2,024
1929	3,642	519	1,079	2,131
1930	3,721	444	1,239	2,173
1931	3,670	388	1,406	2,283
1932	3,503	378	1,363	2,254
1933	3,426	324	1,319	1,583
1934	3,409	315	1,343	1,566
1935	3,388	. 264	1,419	1,635
1936	3,424	277	1,593	2,051
1937	3,260	272	1,751	2,301
1938	3, 233	248	1,947	2,483
1939	3, 365	295	2,048	2,762

TABLE 43
ACREAGE OWNED BY CORTORATIONS
January 1, 1937

								
Township	Insur- ance Com- panies	Eanks	Land & Mort-gage Conpanies	Fed- eral Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpo- rate Owned
Waveland	3289	212	.268	-79	80		2928	13.45
Grove	2317	193	160		-	156	2826	13.32
Macedonia	2379	163	199	-	1 1	68	2809	18,65
Silver Creek	991		1188		~	-	2179	10.13
Keg Creek	678	275	-				953	4.27
Lewis	180	144	144	140	-	75	683	2.92
Carson	576		-			156	732	5.13
Kane		-		-	-	-	-	-
Wright	1762	-	-	239	300		2201	10.15
Center	994	306	492	80	160	-	2032	9.14
Belkmap	362	_	309	~	_	· -	671	4,58
Washington	821	289	276	-	-		1386	6,19
Hardin	424	395	316		386		1521	6,81
Garner	173	135	-	-	40	160	508	2,94
Lake		-	-	-	-	-		_
Lincoln	1299	386	-	_			1685	7.47
Valley	397	-	117	_			496	2.16
James	195	-		→	56	↔	251	1.10
York	321	158	274	143	80		976	4.44
Norwalk	662	275	80	157	160	-	1334	5,88
Hazel Dell	21.3	116	19	p-m2	-	-	348	1.58
Crescent	382	366	658	376		143	1925	11.45
Layton	1175	226	309		-	548	2258	9,93
Knox	1437	248	6 86	520	-	-	2891	12.68
Pleasant	951	160	-	-		-	1111	4.84
Minden	1561	175	-	-		186	1922	8.53
Neola	1256	196	-	183	-		1634	7.16
Boomer	1304		287	317	-	⊶ '	1908	8.34
Rockford	1364	361	431	-	□	299	2455	11.26
County Total	26445	4779	6213	2233	1162	1791	42623	7.35

Source: Department of Economics & Sociology, Iowa State College.

TABLE 44
ACREAGE OWNED BY CORPORATIONS
January 1, 1939

Township	Insur- ance Com- panies	Banks	Land & Mort- gage Com- panies	Fed- eral Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpo- rate Owned
Waveland	2163		268	79	637		3147	14,45
Grove	2811	193	142		_	156	3302	15.57
Macedonia	2545	163	119	157	_	68	3052	20.27
Silver Creek	1634	189	828			_	2651	12.32
Keg Creek	1509	275	171	_	_	_	1955	8,77
Lewis	180	234	290	_	296	-	1000	4.28
Carson	734		40		-	156	930	6.51
Kane	_					_	_	_
Wright	2718	-	140	259	358	-	3475	16.02
Center	1192	306	427	b-4	160	-	2085	9.37
Belknap	362		-	_	_	-	362	2.47
Washington	1232	942	503	-	-		2677	11.95
Hardin	1061	582	548	~~	386	32	2609	11,69
Garner	173	135		-	147	160	615	3,56
Lake	-			-	-	-	-	_
Lincoln	1455	386		-			1841	8.16
Valley	379			_	-	-	379	1.65
James	322		312	-	_	79	713	3.12
York	813	314	274	143	_		1544	7.03
Norwalk	1192	433	80	315	316	39	2375	10,46
Hazel Dell	383	178		75		76	712	3,24
Crescent	382	366	658	336	-	39	1781	10.60
Layton	1854	149	-			548	2551	11.22
Knox	1969	196	647	520	-		3332	14.61
Fleasant	1114	236		-			1350	5,88
Minden	2305	40	-	449		186	2980	13.22
Neola	2559	196	119	608		-	3482	15,26
Bcomer	1777	-	287	434		-	2498	10.91
Rockford	1585	361	431	-	-	299	2676	12.27
County Total	36403	5874	6284	3375	2300	1838	56074	9,67

Source: Department of Economics & Sociology, Iowa State College.

TABLE 45
VALUE OF FARM LAND AND BUILDINGS
1880-1935

12,931	92.74	54,375,800	ı	1	586,294	4,205	1935
21,303	149.68	86,768,959	20,006,044	66,762,915	579,704	4,073	1930
 25,357	174.26	94,732,941	18,260,633	76,472,308	543,634	3,736	1925
 38, 265	254.51	144,680,390	16,962,476	127,717,914	568,473	3,781	1920
16,722	114.53	65,799,496	8,414,819	57,384,677	574,538	3,935	1910
 6,762	47.78	28,664,110	4,440,319	24,223,790	599,930	4,239	1900
 4,981	34.34	18,752,000	1	ı	546,017	3,765	1890
 \$ 2,667	\$ 21.11	\$ 8 ₆ 673,056	€9: I	≠©©÷	411,071	3,254	1880
 Per Farm	Per Acre	Land and Buildings	of Buildings	of Land	of Acres*	Nonver of Farms*	Year
 nd & Bldgs	Value of Land & Bldgs.	Va]µa of	Walne	Velle	Ni mber	Timbo:	

^{*} Differences in numbers of farms and acres reported in this table and in other tables in this bulletin are due to differences in sources of data.

Source: U. S. Agricultural Census.

TABLE 46
REAL PROPERTY AND MONEYS AND CREDITS TAXES
COLLECTIBLE IN 1939, FOR ALL PURPOSES
(Exclusive of Special Assessments)

	Cities and Towns	Rural Districts	Total for County
Ceneral State Tax Soldiers' Bonus Tax General County Tax Court Expense Tax Poor Tax Insane Tax, State Hospital Insane Tax, County Hospital County School Tax Soldiers' Relief Tax General County Bond Tax Court House Tax Emergency Tax Bovine Tuberculosis Eradication Secondary Roads - Construction Secondary Roads - Maintenance District School Tax City Tax Miscellaneous Taxes	\$ 48,861.14 13.976.53 36,658.58 16,154.22 36,658.58 15,714.30 1,344.14 4,056.88 6,109.77 51,835.27 24,439.05 24,439.05 15,274.40 4,477.13 810,842.73 575,993.18 9,113,14	12,004,36 50,848,37 22,407,18 50,848,37 21,797,00 1,864,44 5,627,22 8,474,73	\$ 116,659.04 25,960.89 87,506.95 38,561.40 87,506.95 37,511.30 3,208.58 9,684.10 14,584.50 123,734.87 - 58,337.95 - 57,648.04 142,615.20 1,183,214.45 575,993.18 45,574.89
Total	1,671,529,04	936,793-26	2,608,322.30*

*Includes special one mill tax on moneys and credits for Soldiers Bonus Bonds.

Source: 1939 Report, State Board of Assessment and Review.

TABLE 47 NUMBER OF SCHOOLS BY TYPE

Tryng of Cohool	Number of Schools					
Type of School .	1928-29	1933-34	1938–39			
1. Kindergarten 2. One-room rural elementary 3. Two-room (or more) rural elementary 4. Elementary, not rural 5. Separately organized Jr. High 6. JrSr. High, one organization 7. Separately organized Sr. High 8. Regular High, 4 years or less 9. Junior College	19 175 9 32 - 1 -	20 172 8 32 1 - - 15	21 152 9 36 2 - 1 13			
Total Number of Schools	251	248	234			

TABLE 48
ENROLLMENT IN SCHOOLS BY TYPE

Type of School	Enrollment in Schools					
Type of bolloof	1928-29	1933–34	1938–39			
1. Kindergarten 2. One-room rural elementary 3. Two-room (or more) rural elementary 4. Elementary, not rural 5. *JrSr. High, one organization 6. Regular High, 4 years or less 7. Junior College	1,196 2,984 533 8,060 917 2,063	688 2,756 537 8,508 53 3,337	668 1,993 591 7,432 159 3,841			
Total Enrollment in all Schools	15,753	15,879	14,684			

^{*}Includes enrollment for School Types 5, 6 and 7 in Table 47.

Source: Annual Reports of County Superintendents to State Department of Public Instruction.

TABLE 49
MILES OR ROADS BY TYPE
January 1, 1939

	Primary	Secondary	7 Roads	· m . 1 · · · · 1
Type of Surface	Roads Outside Corporations	Roads Outside County Loca		Total Mileage in Road System
Earth				!
Unimoroved		139.80	1,262,98	2,402.78
Improved	13,1	19.70	33,80	66 ,6 0
Surfaced				
Soil Surfaced	-		-	-
Shal e	-	-	-	_
Gravel	32,7		9.75	42,45
Stone	-	66,25	-	66.25
Paved				
Bituminous	29.3	-	-	29,30
Concrete	89.8	-		89.80
Brick	-	-		
County Total	164.9	225,75	1,306.53	2,697.18

Source: Annual Report, 1938, Iowa Highway Commission.